

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	7	("20010031346"   "20060014638"   "4619865"   "4643951").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/15 16:37
S2	12903	amorphous with carbon and graphite	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/15 17:12
S3	3511	amorphous with carbon with (film or layer or coating) and (electron beam or ebeam or e beam )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/15 17:13
S4	1269	amorphous with carbon with (film or layer or coating) and (electron beam or ebeam or e beam ) and graphite	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/15 17:14
S5	46	amorphous with carbon with (film or layer or coating) with phase and (electron beam or ebeam or e beam ) and graphite	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/15 17:14
S6	4	"20020061397".pn. OR "20010031346".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/15 17:31
S9	11723	iwamura	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 12:58
S10	345	iwamura and carbon and phase	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 12:58

S11	97	iwamura and carbon and phase and amorphous	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 12:58
S14	2	structure zone diagram	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 13:24
S15	409	sputtering with morphology	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 13:24
S16	5	sputtering with morphology with carbon	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 13:25
S17	18	sputtering with morphology with columnar	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 13:26
S18	977	427/577.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 13:29
S19	598	427/551.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 13:29
S20	14	427/551.ccls. and amorphous carbon	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 13:29
S21	105	427/551.ccls. and amorphous	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 13:41
S22	8	427/551.ccls. and columnar	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 13:41

S23	144	onion with graphite	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 13:44
S24	77	onion with graphite and amorphous	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 13:44
S25	0	onion with graphite and amorphous and columnar	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 13:44
S26	41	onion with graphite and amorphous and beam	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 14:26
S27	0	JP-2004-261632-\$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 15:32
S28	0	JP2004-261632-\$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 15:33
S29	2	JP-2004261632-\$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 15:33
S30	2	"20060014638"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 15:39
S31	39	graphite with (cluster or onion) and hydrogen storage	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 16:01
S32	506	((graphite or carbon) with (onion or fullerene or cluster)) and hydrogen storage	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 16:06

S33	234	((graphite or carbon) with (onion or fullerene or cluster)) and hydrogen storage and amorphous near5 carbon	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 16:06
S34	130	((graphite or carbon) with (onion or fullerene or cluster)) and hydrogen storage and amorphous near5 carbon and @PY<"2007"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 16:07
S35	2	((graphite or carbon) with (onion or fullerene or cluster)) with ((electron or ion) near5 beam) and hydrogen storage and amorphous near5 carbon and @PY<"2007"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 16:07
S36	12	(US-20060014638-\$). did. or (US-6599492-\$ or US-5202156-\$ or US-5635243-\$ or US-5633195-\$ or US-6251522-\$ or US-5945176-\$ or US-4802951-\$ or US-6692718-\$).did. or (JP-2004261632-\$).did. or (DE-102006017153-\$ or WO-2004067166-\$). did.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/12/16 16:42
S37	8	S36 and (hydrogen or nitrogen)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 16:42
S38	2	"20020061397".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 16:51
S39	44	(onion or fullerene) and hydrogen storage and amorphous near5 carbon and @PY<"2007" and (mask\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 17:14

S40	5	(onion or fullerene) and hydrogen storage and amorphous near5 carbon and @PY<"2007" and (mask\$3) with beam	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 17:15
S41	1	(onion or fullerene) with (pattern\$3 or mask\$3) and hydrogen storage and amorphous near5 carbon and @PY<"2007"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 17:16
S42	21	(onion or fullerene) with (pattern\$3 or mask\$3) and amorphous near5 carbon and @PY<"2007"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 17:18
S43	612	(pattern\$3 or mask\$3) with (electron beam or ebeam or ion beam) and amorphous near5 carbon and @PY<"2007"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 17:23
S44	92	(pattern\$3 or mask\$3) with (electron beam or ebeam or ion beam) with carbon and amorphous near5 carbon and @PY<"2007"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 17:23
S45	16	(pattern\$3 or mask\$3) with (electron beam or ebeam or ion beam) and hydrogen storage and amorphous near5 carbon and @PY<"2007"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/16 17:23
S47	49	(pattern\$3 or mask\$3) with (electron beam or ebeam or ion beam) and hydrogen storage	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/17 11:03
S48	21	(pattern\$3 or mask\$3) with carbon and (hydrogen storage).ab.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/17 11:16

S49	0	jp-11-092124-\$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/17 16:22
S50	0	jp-1999-092124-\$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/17 16:22
S51	0	jp1999-092124-\$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/17 16:22
S52	0	jp-11-92124-\$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/17 16:22
S53	0	jp-1999092124-\$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/17 16:23
S54	0	jp-199992124-\$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/17 16:23
S55	0	jp-1192124-\$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/17 16:23
S56	2	jp-11092124-\$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/06/17 16:23
S57	1	1999-283304.NRAN.	DERWENT	ADJ	ON	2011/06/17 16:23

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S7	590	iwamura.in.	USPAT; UPAD	ADJ	ON	2010/12/15 16:39
S8	9	iwamura-eiji.in.	USPAT; UPAD	ADJ	ON	2010/12/15 16:39
S46	1	"Term Removed"	USPAT	ADJ	ON	2010/12/16 16:42

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